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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/687,533	10/16/2003	Georg Mayer	944-4.38	7746

7590

06/15/2005

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EXAMINER

NGUYEN, QUANG N

ART UNIT	PAPER NUMBER
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2141

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/687,533

Applicant(s)

MAYER ET AL.

Examiner

Quang N. Nguyen

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 20040223.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

Detailed Action

1. This Office Action is in response to the Application filed on 10/16/2003. Claims 1-11 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

3. **Claims 1-3, 5-8 and 10-11 are rejected under 35 U.S.C. 102(a) as being anticipated by G. Camarillo (RFC 3486 – Compressing the Session Initiation Protocol).**

4. As to claim 1, Camarillo teaches a method by which a UE (user equipment) device begins compressing messages it transmits to an SIP outbound proxy server, comprising:

the UE device sends a request message to the SIP outbound proxy server (*the client sends an uncompressed OPTIONS request to its outbound proxy server*); (Camarillo, section 4.1, paragraph 4); and

the UE device analyzes a response message received from the SIP outbound proxy server in response to the request message to determine a compression parameter for use in compressing messages it sends to the SIP outbound proxy server *(the outbound proxy server can provide an alternative SIP URI with the compression parameter "comp=sigcomp" in a Contact header field in a 200 OK response to the OPTIONS request)* (Camarillo, section 4.1, paragraph 4).

5. As to claim 2, Camarillo teaches the method of claim 1, wherein the request message is an OPTIONS request message and the response message is a 200 OK message, and further wherein the UE device parses the response message to obtain the compression parameter *(inherently, a SIP entity receiving a compressed message has to decompress and to parse it)* (Camarillo, section 4.1, paragraph 4).

6. As to claim 3, Camarillo teaches the method of claim 1, further comprising the UE device alters an address for the SIP outbound proxy server previously stored so as to include the stored address and the compression parameter *(i.e., adding the compression parameter to the address such as sip:alice@Atlanta.com; comp=sigcomp)* (Camarillo, section 2).

7. As to claim 5, Camarillo teaches the method of claim 1, wherein the response message (42b) is any compressed message *(since the UAC supports "SigComp", which*

is contained in the "Via" header field, i.e., indicating the response has to be compressed using SigComp) (Camarillo, section 2).

8. Claims 6-8 and 10 are corresponding apparatus claims of method claims 1-3 and 5; therefore, they are rejected under the same rationale.

9. Claim 11 is a corresponding program computer product claim of method claim 1; therefore, it is rejected under the same rationale.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. Claims 4 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Camarillo, in view of Bergenlid et al. (US 2003/0156578 A1), hereinafter referred as Bergenlid.

12. As to claim 4, Camarillo teaches the method of claim 1, but does not explicitly teach wherein the request message (32a) is a register message, and wherein the response message (32b) is a 401 (unauthorized) message.

In a related art, Bergenlid teaches a system and method for packet-based conversation service for a multimedia session in a mobile communications system, wherein the Mobile Terminal MT sends a SIP Register message via the primary PDP context and corresponding bearers to the IP Multimedia System IMS 36 and the IMS 36 responds with a SIP 401 Unauthorized message, if the user is not registered, the 401 message is sent to the user including a challenge (Bergenlid, paragraph [0048]).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the teachings of Camarillo and Bergenlid to include the request message is a register message, and the response message is a 401 (unauthorized) message since such methods were conventionally employed in the art to allow the system to detect, challenge and identify authorized/unauthorized subscribers (mobile terminals or users) before initiating a communications session.

13. Claim 9 is a corresponding apparatus claim of method claim 4; therefore, it is rejected under the same rationale.

14. Further references of interest are cited on Form PTO-892, which is an attachment to this office action.

15. A shortened statutory period for reply to this action is set to expire THREE (3) months from the mailing date of this communication. See 37 CFR 1.134.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (571) 272-3886.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's SPE, Rupal Dharia, can be reached at (571) 272-3880. The fax phone number for the organization is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER